

Appl. No. : 09/877,632
Filed : June 8, 2001

AMENDMENTS TO THE CLAIMS

Please amend Claims 1, 12-14, and 23 as indicated below.

Please cancel Claims 26 and 27 without prejudice.

Please add new Claims 28 and 29.

A complete listing of all claims is presented below with insertions underlined (e.g., insertion), and deletions struckthrough or in double brackets (e.g., ~~deletion~~ or [[deletion]]):

1. (Currently Amended) An audiovisual system which receives audiovisual data and which stores for later playback at least a portion of the audiovisual data comprising a plurality of program locations, each program location representing a starting point of a program segment of one of a plurality of programs, the audiovisual system connectable to a user display, the audiovisual system comprising:

a system controller;

a storage device to store the portion of the audiovisual data and to play back the stored portion of the audiovisual data;

a marking module coupled to the system controller to create metadata in response to a control input for marking the program segments, the metadata comprising information regarding the program segments of the stored portion of the audiovisual data;

a display generator coupled to the system controller to generate a mosaic representation of the program segments of the stored portion of the audiovisual data, wherein the mosaic representation comprises a plurality of cells representing respective stored program segments of a program and comprising images extracted from the respective stored program segments; and

a program selector coupled to the system controller to select a program segment of the stored portion of the audiovisual data in response to a user input, the selected program segment selected based on the information of the metadata, whereby the audiovisual system selectively plays back selected program segments of the stored portion of the audiovisual data starting from selected program locations, thereby enabling a user to jump to and play back selected program segments of the plurality of programs.

2. (Original) The audiovisual system of Claim 1, wherein the audiovisual system comprises a personal video recorder.

Appl. No. : 09/877,632
Filed : June 8, 2001

3. (Original) The audiovisual system of Claim 1, wherein the storage device comprises a read/write, random-access, non-volatile storage media.

4. (Original) The audiovisual system of Claim 1, wherein the metadata comprises user-generated modifications to pre-existing metadata.

5. (Original) The audiovisual system of Claim 4, wherein the pre-existing metadata is received by the audiovisual system with the audiovisual data.

6. (Original) The audiovisual system of Claim 1, wherein the metadata is created subsequently to the storing of the stored portion of the audiovisual data by the audiovisual system.

7. (Original) The audiovisual system of Claim 1, further comprising a preference determination module, and wherein the control input comprises signals from the preference determination module.

8. (Original) The audiovisual system of Claim 1, wherein the metadata comprises information indicating a level of interest by a user in the program segment starting from the corresponding program location.

9. (Original) The audiovisual system of Claim 1, wherein the metadata comprises information indicating a category of the program segment starting from the corresponding program location.

10. (Original) The audiovisual system of Claim 9, wherein the category comprises the genre of the program segment starting from the corresponding program location.

11. (Original) The audiovisual system of Claim 1, wherein the metadata comprises information indicating an identity of a user.

12. (Currently Amended) The audiovisual system of Claim 1, wherein ~~the mosaic representation comprises a plurality of cells,~~ at least one cell of the plurality of cells ~~comprises~~comprising a fixed image.

13. (Currently Amended) The audiovisual system of Claim 1, wherein ~~the mosaic representation comprises a plurality of cells,~~ at least one cell of the plurality of cells ~~comprises~~comprising a video image.

14. (Currently Amended) An audiovisual system which receives audiovisual data and which stores for later playback at least a portion of the audiovisual data comprising a plurality of program locations, each program location representing a starting point of a program segment of

one of a plurality of programs, the audiovisual system connectable to a user display which provides to a user information regarding the program segments of the stored portion of the audiovisual data, the audiovisual system comprising:

a storage device to store the portion of the audiovisual data and to play back the stored portion of the audiovisual data;

a grid generator to configure for the user display the information regarding the program segments of the stored portion of the audiovisual data, the information derived from metadata corresponding to the program segments of the stored portion of the audiovisual data, the information provided to the user via the user display in grid format with a plurality of grid elements arranged as a plurality of rows and a plurality of columns, each grid element representing a program segment of the stored portion of the audiovisual data, each grid element independently selectable in response to a user input; and

a program selector to select a grid element that represents a selected program segment of the stored portion of the audiovisual data in response to the user input, the selected program segment selected based on the information derived from the metadata, whereby the audiovisual system selectively plays back selected program segments of the stored portion of the audiovisual data starting from selected program locations, thereby enabling a user to jump to and play back selected program segments of the plurality of programs.

15. (Original) The audiovisual system of Claim 14, wherein at least one grid element comprises an image extracted from the program segment represented by the grid element.

16. (Original) The audiovisual system of Claim 14, wherein at least one grid element comprises an icon which is representative of the program segment represented by the grid element.

17. (Original) The audiovisual system of Claim 14, wherein at least one grid element comprises text which is representative of the program segment represented by the grid element.

18. (Original) The audiovisual system of Claim 14, wherein the plurality of grid elements comprises grid elements chosen for display based on the metadata of the corresponding program segments of the stored portion of the audiovisual data.

Appl. No. : 09/877,632
Filed : June 8, 2001

19. (Original) The audiovisual system of Claim 14, wherein the plurality of grid elements comprises grid elements chosen for display based on a second user input.

20. (Original) The audiovisual system of Claim 14, wherein the plurality of grid elements are organized within the grid format in response to the metadata.

21. (Original) The audiovisual system of Claim 14, wherein the plurality of grid elements are organized within the grid format in response to a third user input.

22. (Original) The audiovisual system of Claim 14, wherein the plurality of grid elements are organized within the grid format based on the program from which each program segment is derived.

23. (Currently Amended) A method of playing back selected portions of stored audiovisual data stored on a storage device, the method comprising:

providing stored audiovisual data corresponding to a plurality of programs, each program comprising a plurality of program locations, each program location representing a starting point of a program segment of one of the plurality of programs;

creating metadata in response to a control input for marking the program segments, the metadata comprising information regarding the program segments of the stored audiovisual data;

displaying to a user the information regarding the program segments of the stored audiovisual data in a mosaic representation, wherein the mosaic representation comprises a plurality of cells representing respective stored program segments of a program and comprising images extracted from the respective stored program segments;

receiving a user input indicating a selected program segment of one of the plurality of programs, the selected program segment selected based on the information of the metadata; and

playing back the selected program segment starting from the corresponding program location of the stored audiovisual data, thereby jumping to and playing back selected program segments of the plurality of programs based on the metadata.

24. (Original) The method of Claim 23, wherein creating metadata in response to the control input comprises providing pre-existing metadata and modifying the pre-existing metadata.

Appl. No. : **09/877,632**
Filed : **June 8, 2001**

25. (Original) The method of Claim 23, wherein creating metadata in response to the control input comprises creating metadata in response to signals from a preference determination module.

26. (Cancelled)

27. (Cancelled)

28. (New) The method of Claim 23, wherein at least one cell of the plurality of cells comprises a fixed image.

29. (New) The method of Claim 23, wherein at least one cell of the plurality of cells comprises a video image.